

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052417\
 Data File : BG027119.D
 Acq On : 24 May 2017 7:03
 Operator : SJ/MA
 Sample : I3276-08
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DAC60

Manual Integrations
 APPROVED

mohammad
 5/24/2017 2:08:54 PM

Quant Time: May 24 08:03:53 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG051817MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 24 01:50:08 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	225091	20.00	ng/ul	0.00
2) Naphthalene-d8	10.80	136	1045967	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.62	164	533867	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.35	188	956875	20.00	ng/ul	0.00
17) Chrysene-d12	21.61	240	835003	20.00	ng/ul	0.00
22) Perylene-d12	24.78	264	708138	20.00	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
7) Acenaphthylene-d8	14.32	160	1429609	26.11	ng/ul	0.00
10) Fluorene-d10	15.61	176	907620	24.84	ng/ul	0.00
14) Anthracene-d10	17.45	188	1181617m	25.33	ng/ul	0.00
18) Pyrene-d10	19.74	212	1144060	26.24	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.56	264	945321	26.87	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Phenanthrene	17.40	178	79388	1.48	ng/ul	99
16) Fluoranthene	19.40	202	147156	2.69	ng/ul#	90
19) Pyrene	19.77	202	128934	2.36	ng/ul#	92
20) Benzo(a)anthracene	21.58	228	86790	1.73	ng/ul#	90
21) Chrysene	21.65	228	108044	2.34	ng/ul#	93
23) Benzo(b)fluoranthene	23.77	252	168974	4.01	ng/ul#	91
24) Benzo(k)fluoranthene	23.83	252	78056m	1.80	ng/ul	
26) Benzo(a)pyrene	24.63	252	89995	2.19	ng/ul#	84
27) Indeno(1,2,3-cd)pyrene	28.41	276	54993m	1.45	ng/ul	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

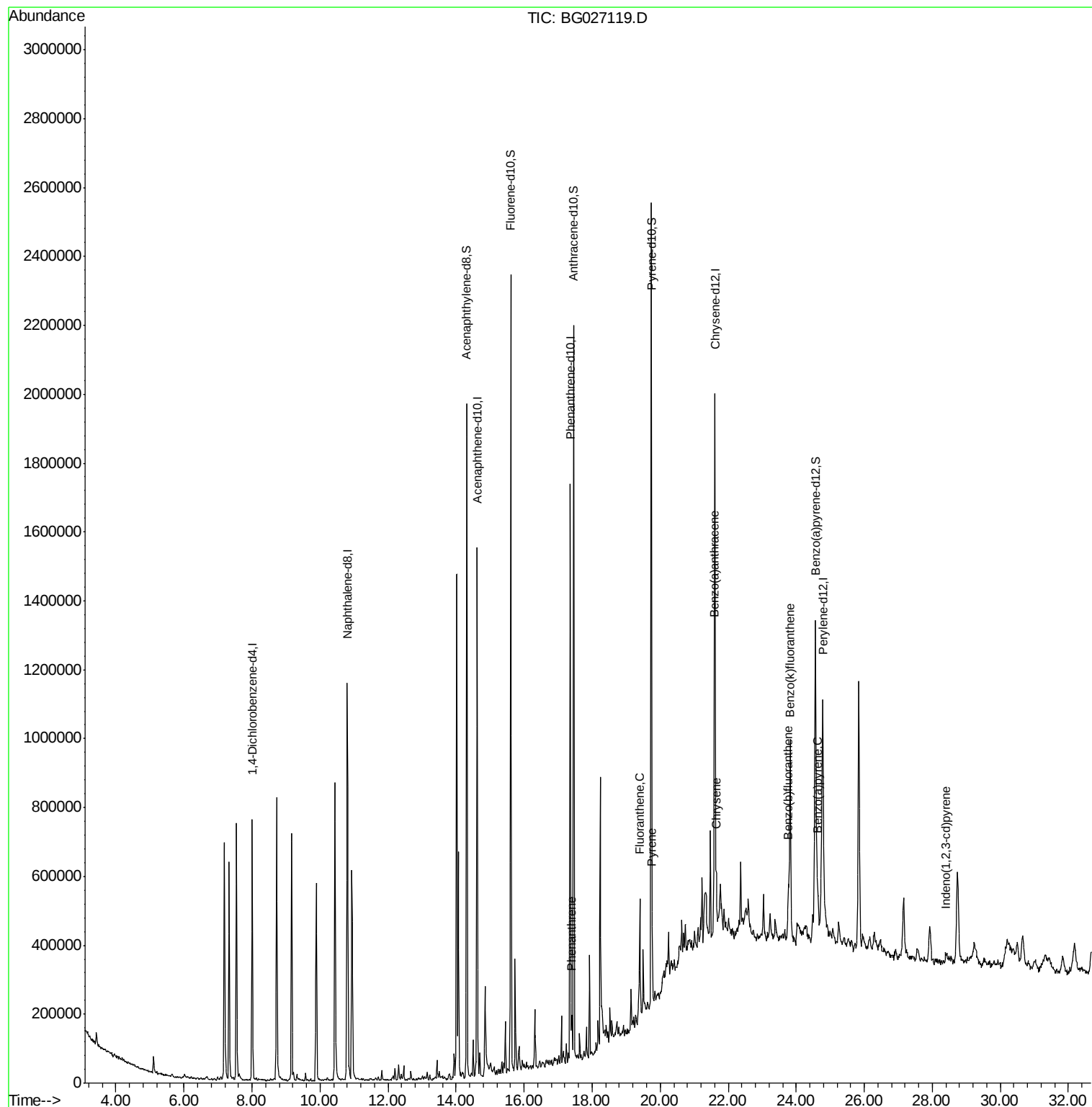
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052417\
Data File : BG027119.D
Acq On : 24 May 2017 7:03
Operator : SJ/MA
Sample : I3276-08
Misc :
ALS Vial : 27 Sample Multiplier: 1

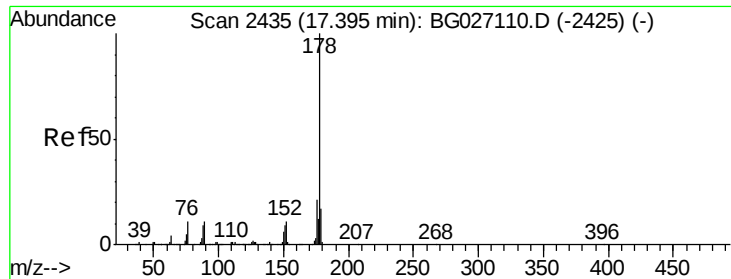
Instrument :
BNA_G
ClientSampleId :
DAC60

Manual Integrations
APPROVED

mohammad
5/24/2017 2:08:54 PM

Quant Time: May 24 08:03:53 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG051817MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 24 01:50:08 2017
Response via : Initial Calibration





#13

Phenanthrene

Concen: 1.48 ng/ul

RT: 17.40 min Scan# 2436

Delta R.T. 0.01 min

Lab File: BG027119.D

Acq: 24 May 2017 7:03

Instrument :

BNA_G

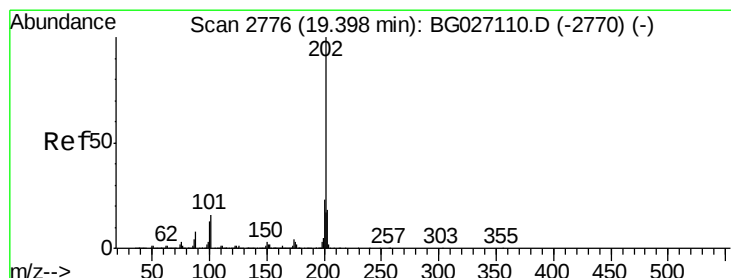
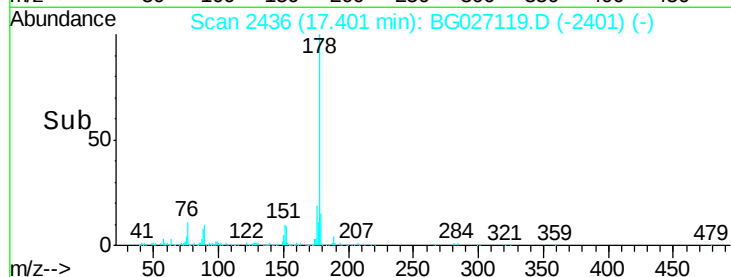
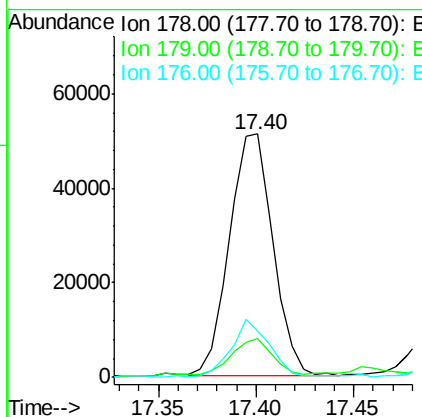
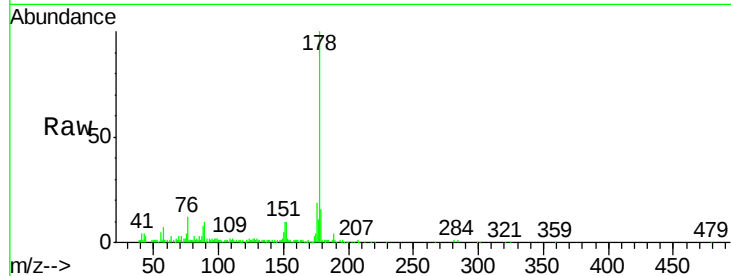
ClientSampleId :

DAC60

Tgt Ion:	178	Resp:	79388
Ion Ratio	Lower	Upper	
178	100		
179	16.0	12.3	18.5
176	19.2	15.1	22.7

Manual Integrations
APPROVED

mohammad
5/24/2017 2:08:54 PM



#16

Fluoranthene

Concen: 2.69 ng/ul

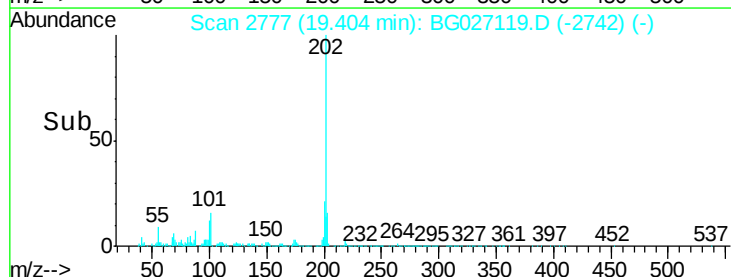
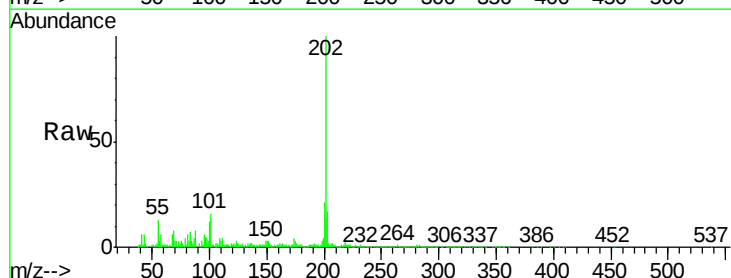
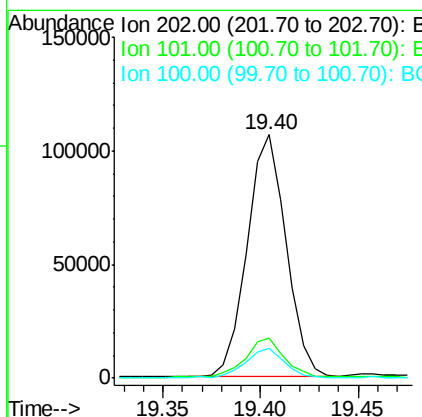
RT: 19.40 min Scan# 2777

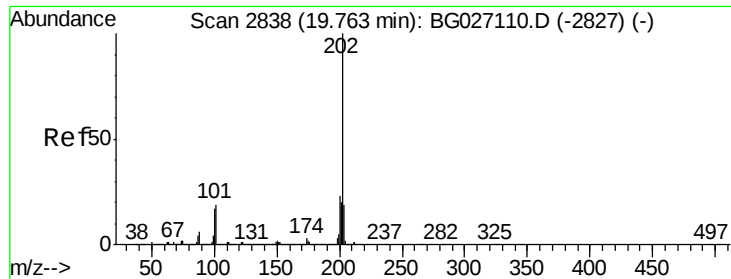
Delta R.T. 0.01 min

Lab File: BG027119.D

Acq: 24 May 2017 7:03

Tgt Ion:	202	Resp:	147156
Ion Ratio	Lower	Upper	
202	100		
101	16.5	9.9	14.9#
100	12.2	7.4	11.0#





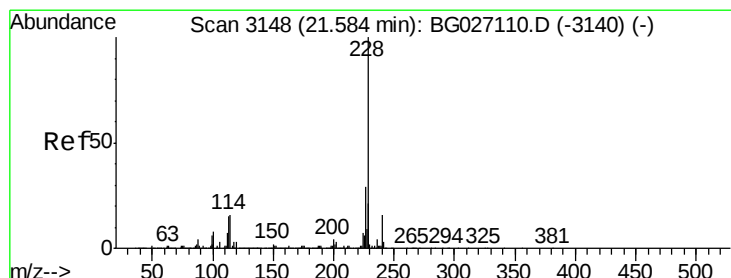
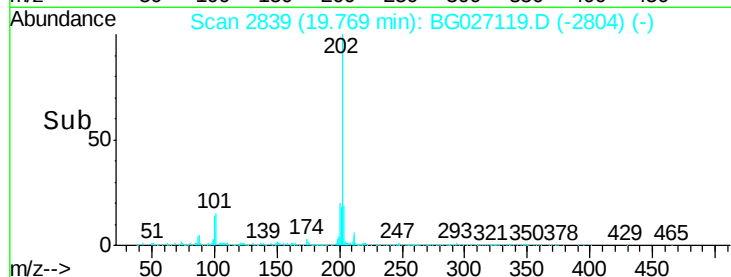
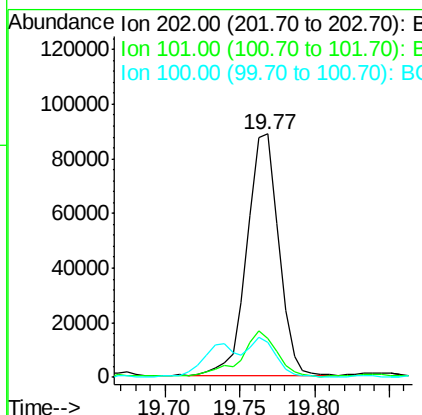
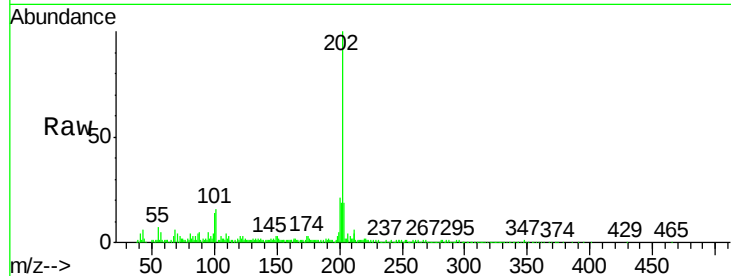
#19
 Pyrene
 Concen: 2.36 ng/ul
 RT: 19.77 min Scan# 2839
 Delta R.T. 0.01 min
 Lab File: BG027119.D
 Acq: 24 May 2017 7:03

Instrument :
 BNA_G
 ClientSampleId :
 DAC60

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	16.0	11.0	16.4
100	14.3	8.1	12.1

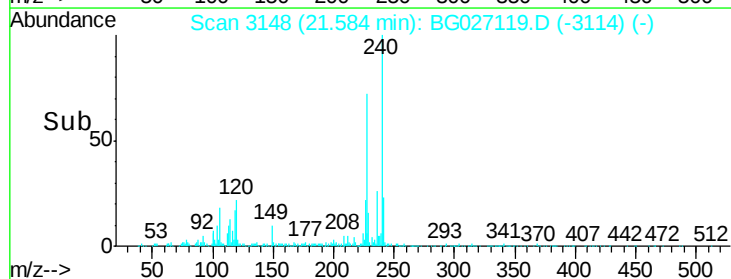
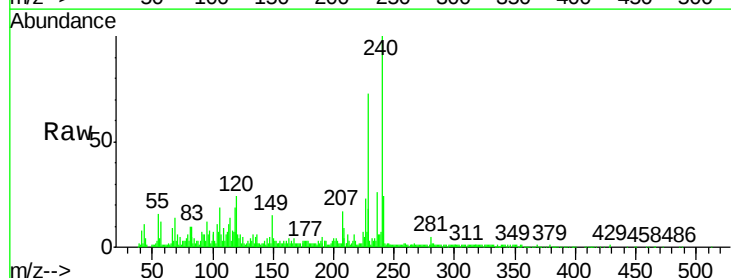
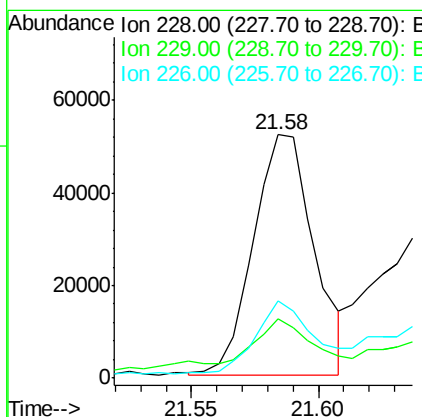
Manual Integrations
 APPROVED

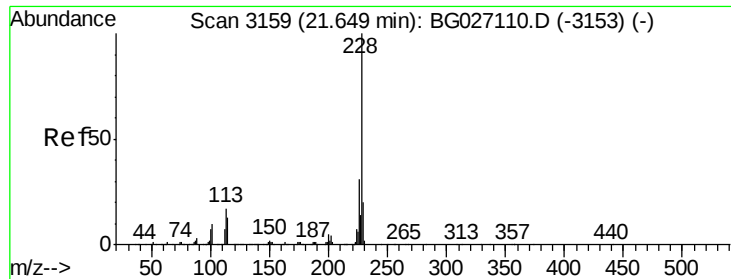
mohammad
 5/24/2017 2:08:54 PM



#20
 Benzo(a)anthracene
 Concen: 1.73 ng/ul
 RT: 21.58 min Scan# 3148
 Delta R.T. 0.00 min
 Lab File: BG027119.D
 Acq: 24 May 2017 7:03

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	24.3	15.7	23.5
226	31.5	21.1	31.7





#21

Chrysene

Concen: 2.34 ng/ul

RT: 21.65 min Scan# 3159

Delta R.T. 0.00 min

Lab File: BG027119.D

Acq: 24 May 2017 7:03

Instrument :

BNA_G

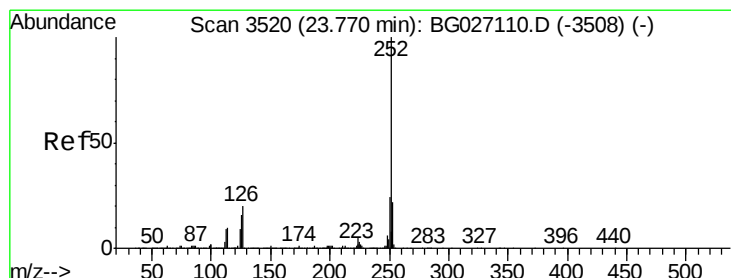
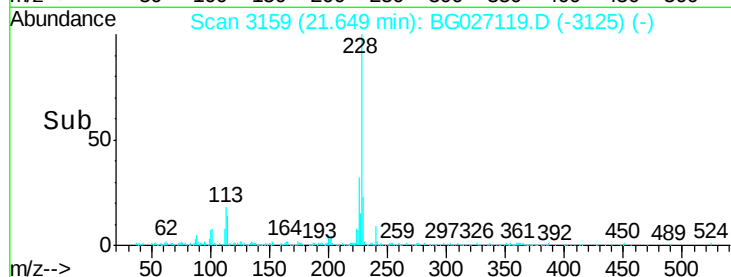
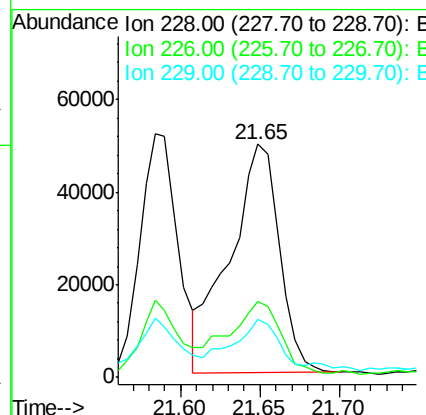
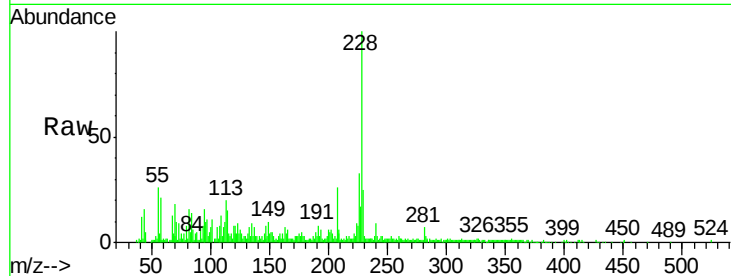
ClientSampleId :

DAC60

Tgt Ion:	228	Resp:	108044
Ion Ratio		Lower	Upper
228	100		
226	32.8	24.5	36.7
229	24.9	15.8	23.8#

Manual Integrations
APPROVED

mohammad
5/24/2017 2:08:54 PM



#23

Benzo(b)fluoranthene

Concen: 4.01 ng/ul

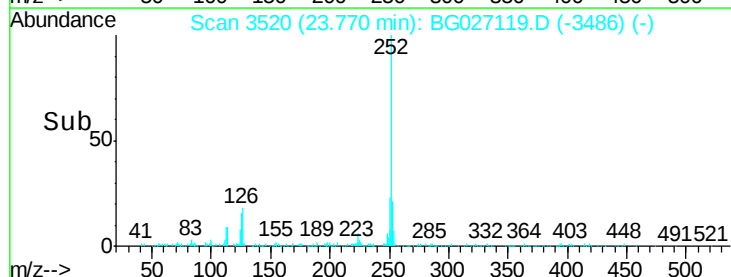
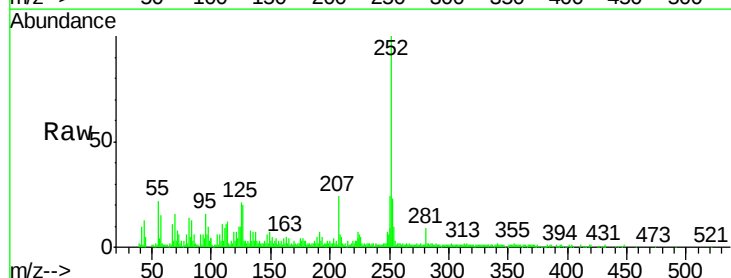
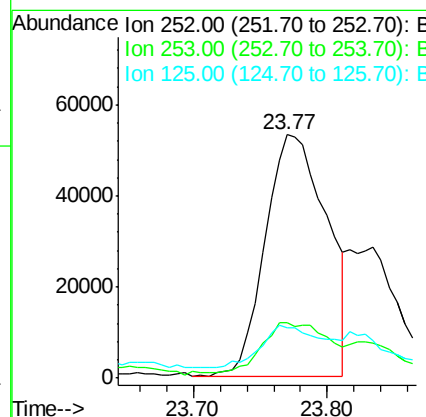
RT: 23.77 min Scan# 3520

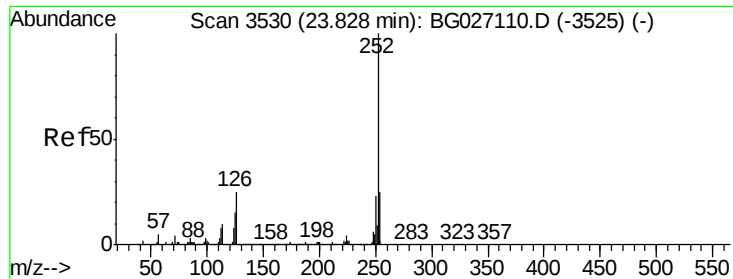
Delta R.T. 0.00 min

Lab File: BG027119.D

Acq: 24 May 2017 7:03

Tgt Ion:	252	Resp:	168974
Ion Ratio		Lower	Upper
252	100		
253	22.9	18.0	27.0
125	20.6	8.0	12.0#





#24

Benzo(k)fluoranthene

Concen: 1.80 ng/ul m

RT: 23.83 min Scan# 3531

Delta R.T. 0.01 min

Lab File: BG027119.D

Acq: 24 May 2017 7:03

Instrument :

BNA_G

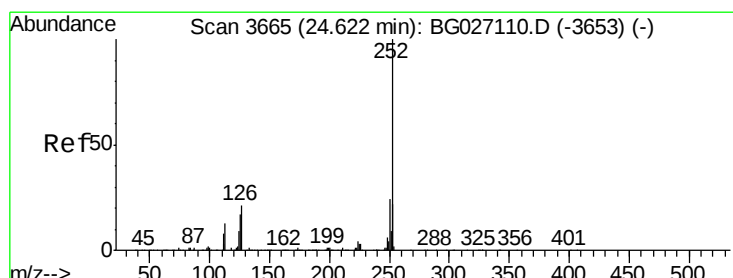
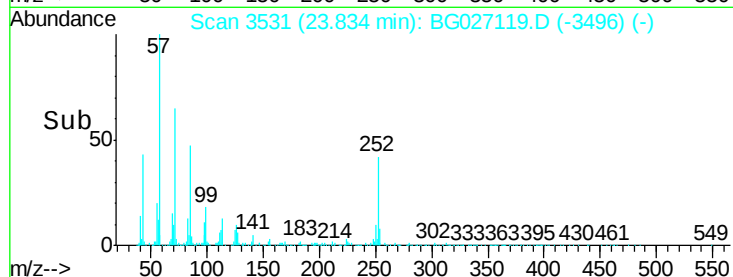
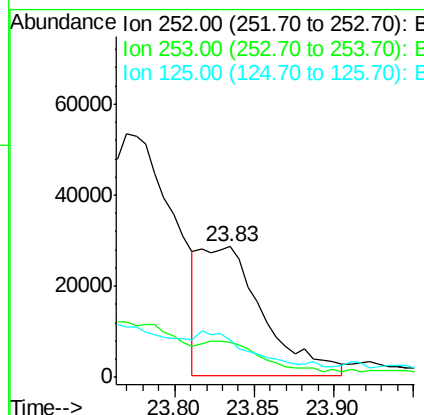
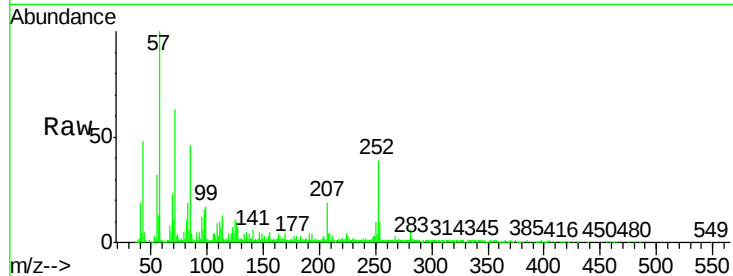
ClientSampleId :

DAC60

Tgt Ion:	252	Resp:	78056
Ion Ratio	Lower	Upper	
252	100		
253	26.7	18.0	27.0
125	28.7	8.1	12.1#

Manual Integrations
APPROVED

mohammad
5/24/2017 2:08:54 PM



#26

Benzo(a)pyrene

Concen: 2.19 ng/ul

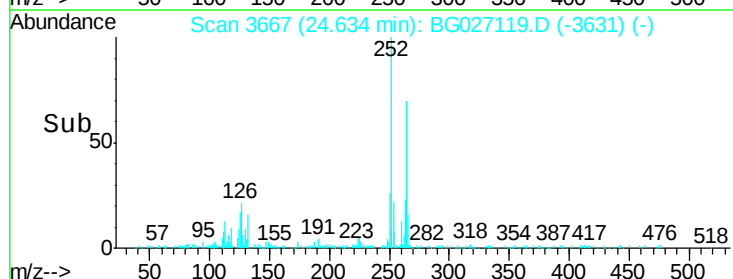
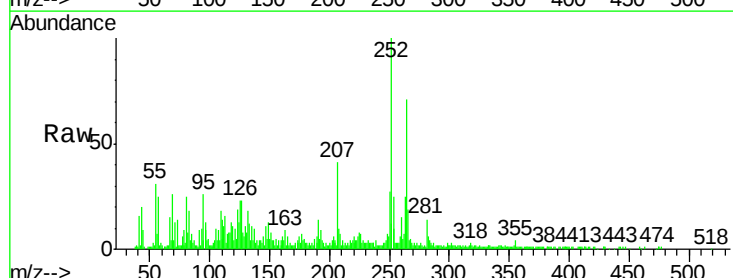
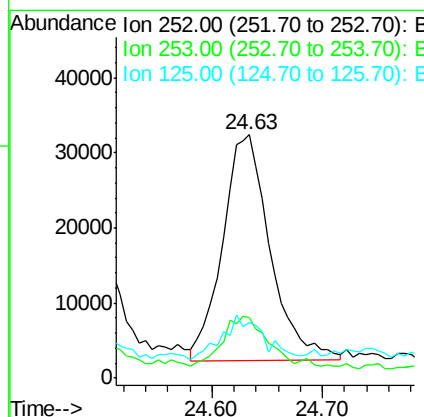
RT: 24.63 min Scan# 3667

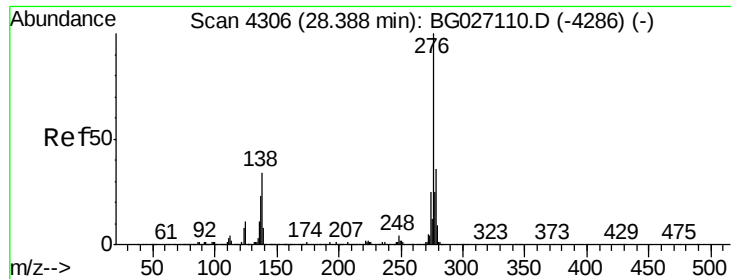
Delta R.T. 0.01 min

Lab File: BG027119.D

Acq: 24 May 2017 7:03

Tgt Ion:	252	Resp:	89995
Ion Ratio	Lower	Upper	
252	100		
253	25.0	17.2	25.8
125	22.8	8.2	12.4#





#27
 Indeno(1,2,3-cd)pyrene
 Concen: 1.45 ng/ul m
 RT: 28.41 min Scan# 4309
 Delta R.T. 0.02 min
 Lab File: BG027119.D
 Acq: 24 May 2017 7:03

Instrument :
 BNA_G
 ClientSampleId :
 DAC60

Tgt Ion	Ratio	Lower	Upper
276	100		
138	42.8	14.4	21.6#
277	30.4	18.0	27.0#

Manual Integrations
 APPROVED

mohammad
 5/24/2017 2:08:54 PM

